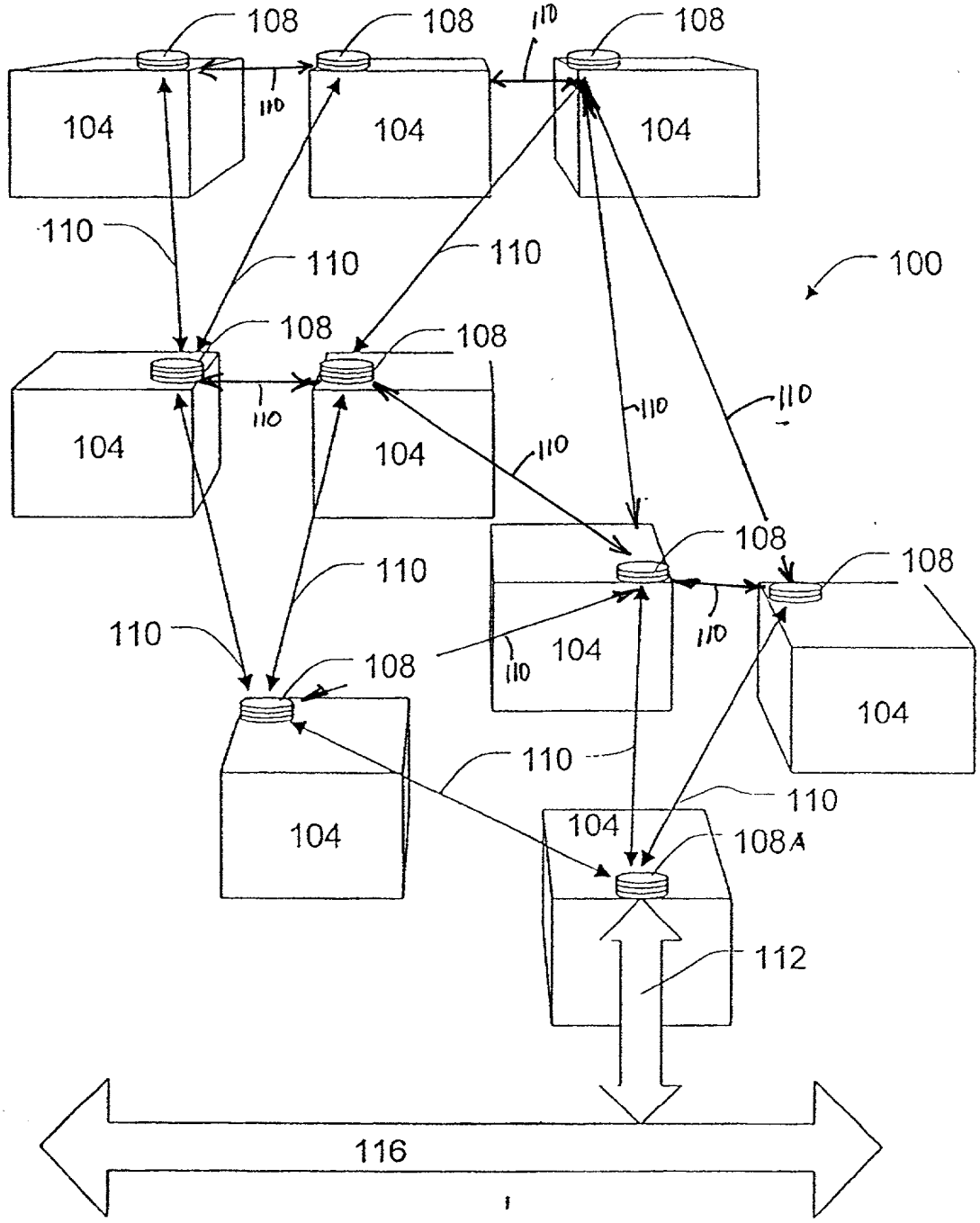
108
108
110
108
104
104
104
110
110
110
100
108
108
104
104
110
110
110
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108
108
110
110
104
110
108
104
110
110
104
108A
112
116

Fig. 1

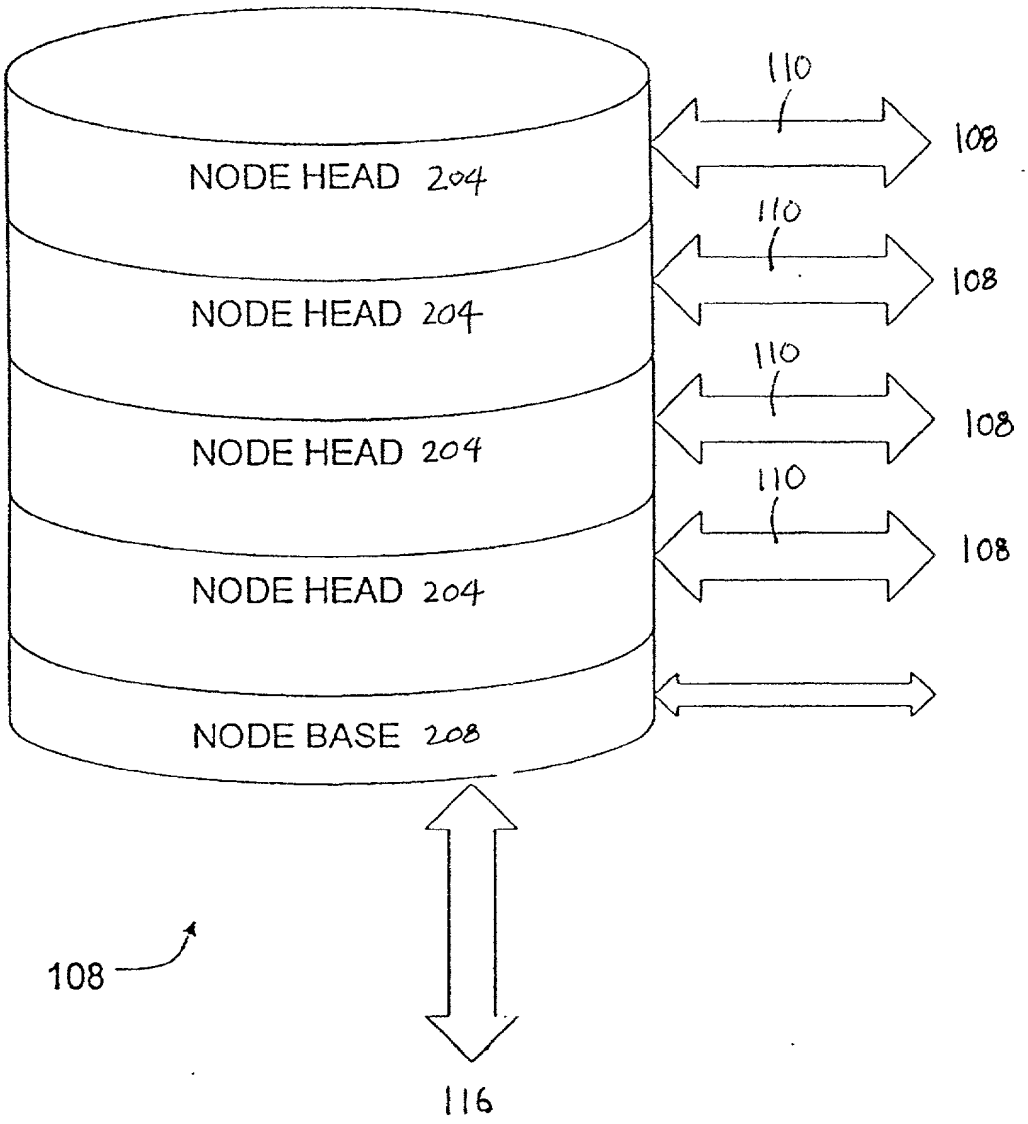
NODE HEAD 204
NODE HEAD 204
NODE HEAD 204
NODE HEAD 204
NODE BASE 208
110
108
110
108
110
108
110
108
108
116

Fig. 2

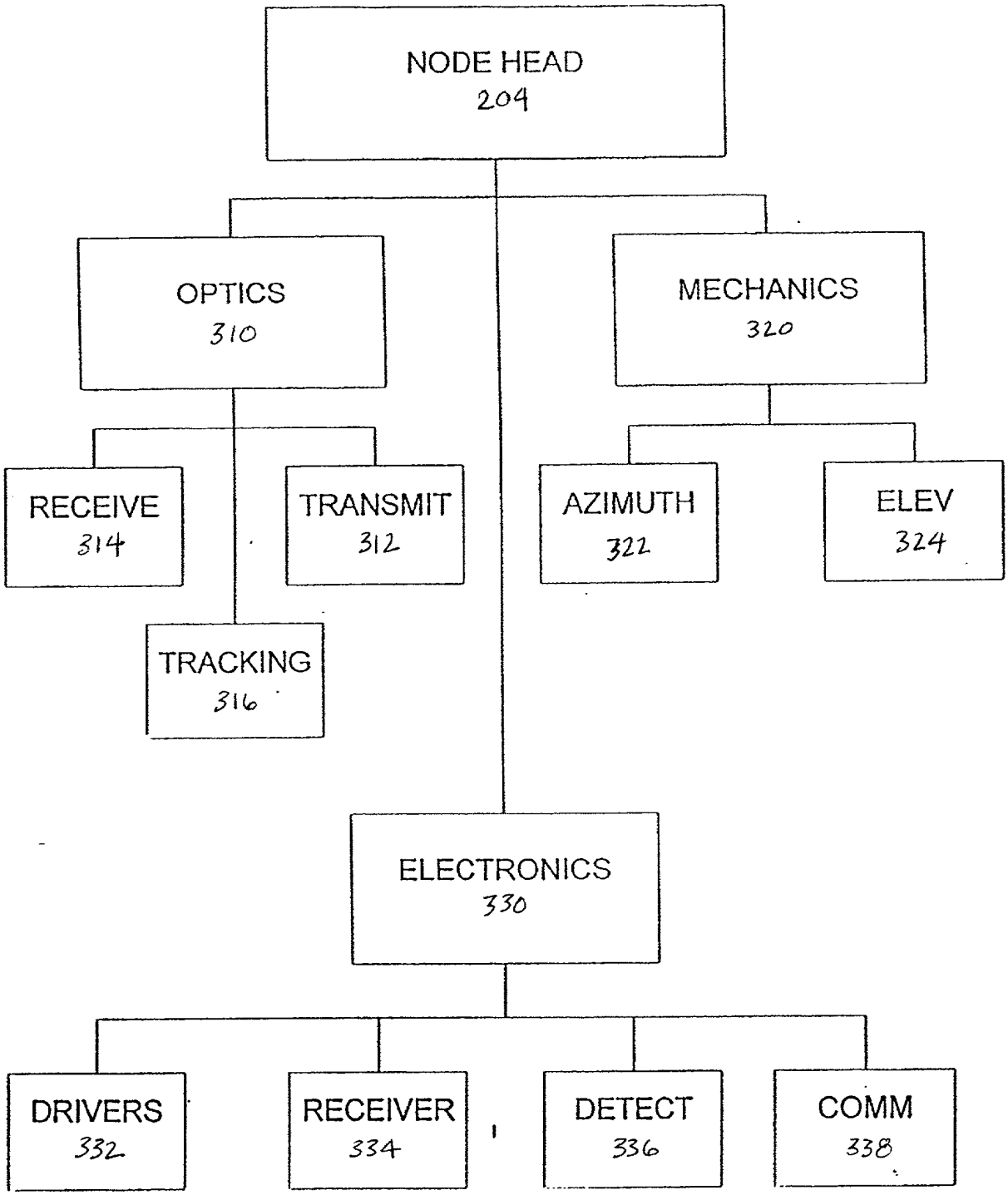
NODE HEAD
204
OPTICS
310
MECHANICS
320
RECEIVE
314
TRANSMIT
312
AZIMUTH
322
ELEV
324
TRACKING
316
ELECTRONICS
330
DRIVERS
332
RECEIVER
334
DETECT
336
COMM
338

Fig. 3

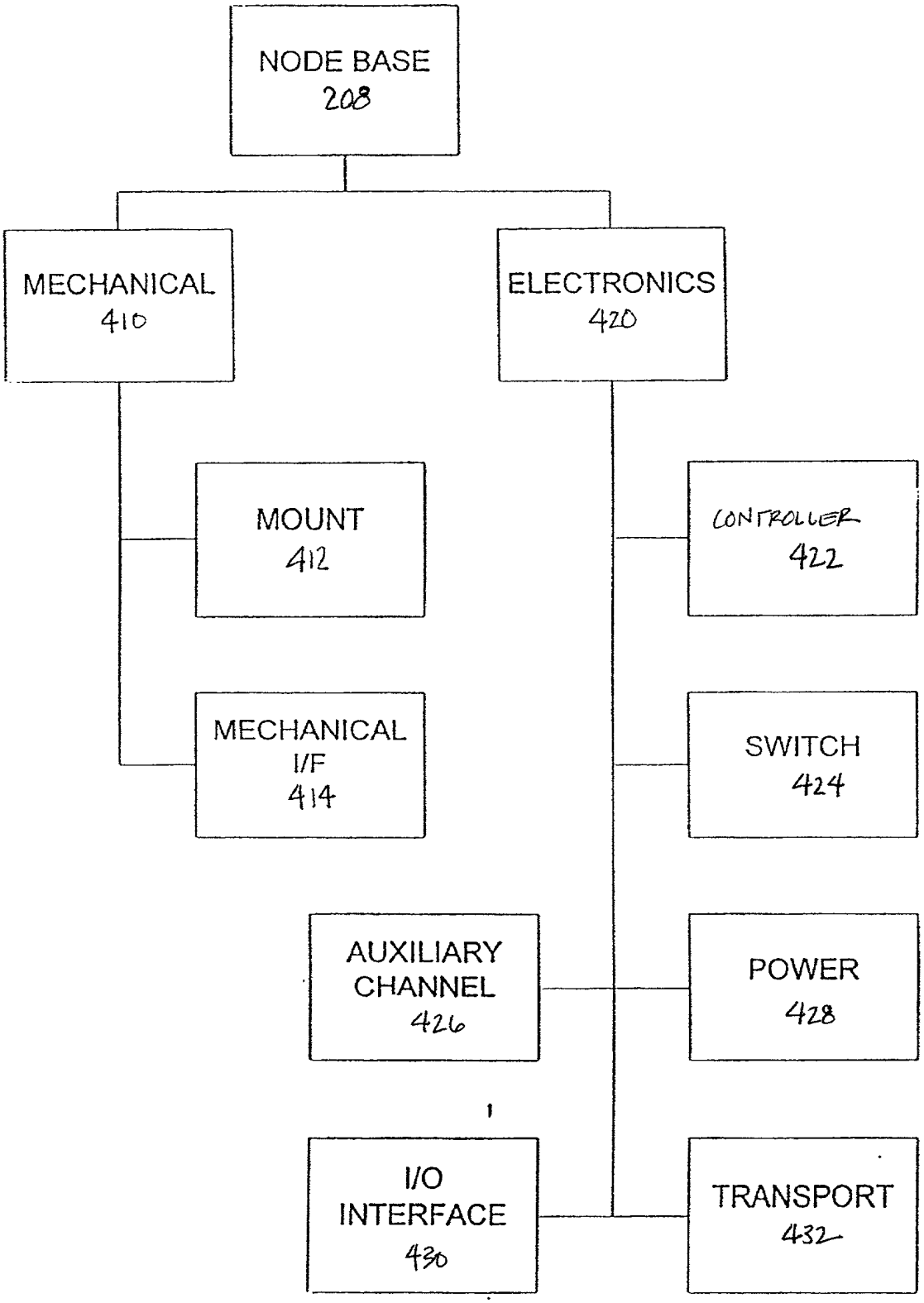
NODE BASE
208
MECHANICAL
410
ELECTRONICS
420
MOUNT
412
MECHANICAL
I/F
414
CONTROLLER
422
SWITCH
424
AUXILIARY
CHANNEL
426
POWER
428
I/O
INTERFACE
430
TRANSPORT
432

Fig. 4

T02F60 02S5660

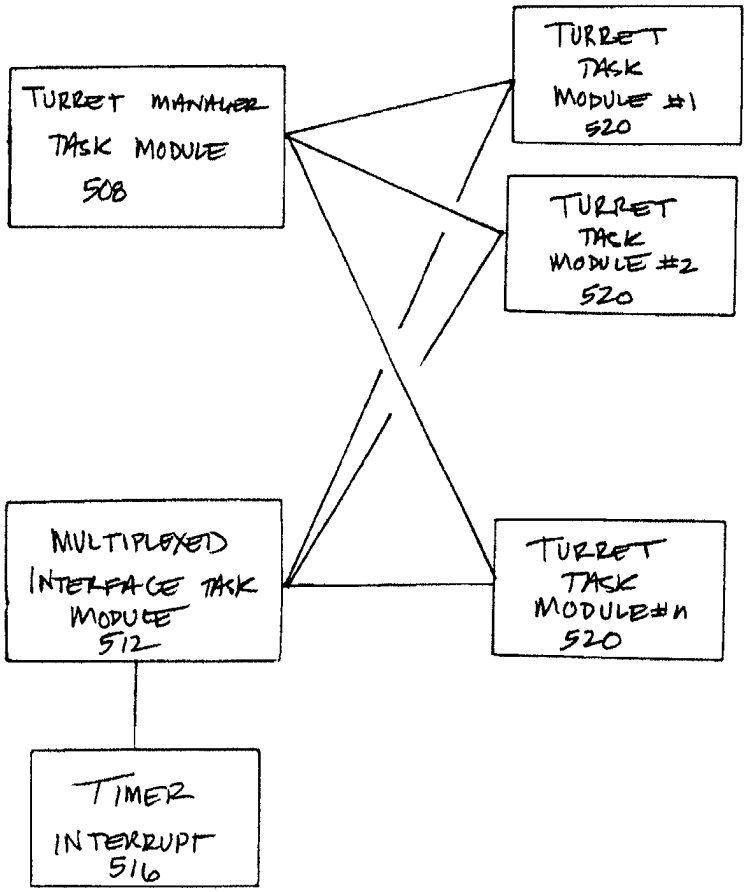

FIGURE 5

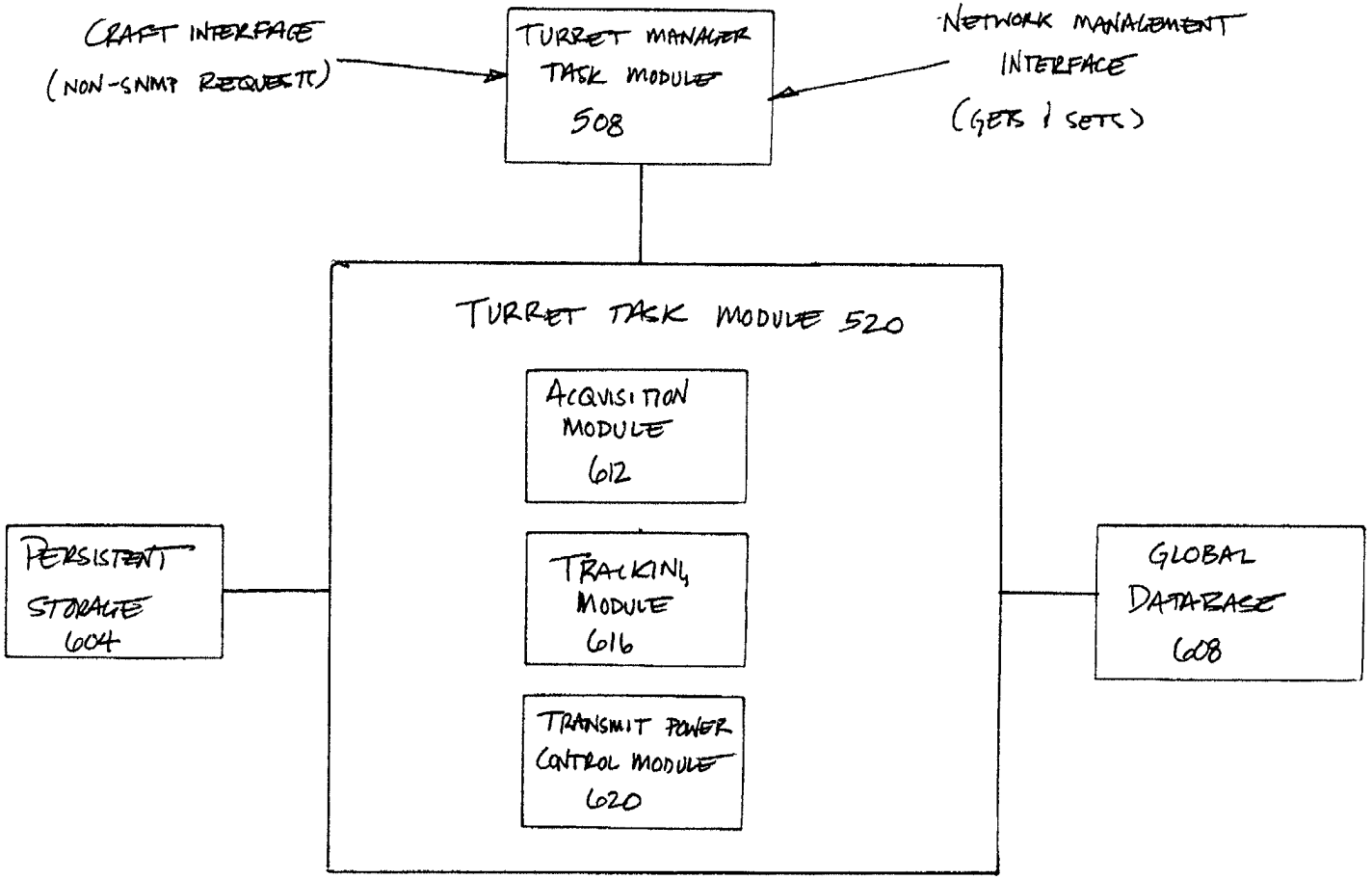
CRAFT INTERFACE
(NON-SNMP REQUEST)
TURRET MANAGER TASK MODULE 508
NETWORK MANAGEMENT INTERFACE
(GETS / SETS)
TURRET TASK MODULE 520
ACQUISITION MODULE 612
TRACKING MODULE 616
TRANSMIT POWER CONTROL MODULE 620
PERSISTENT STORAGE 604
GLOBAL DATABASE 608

FIGURE 6

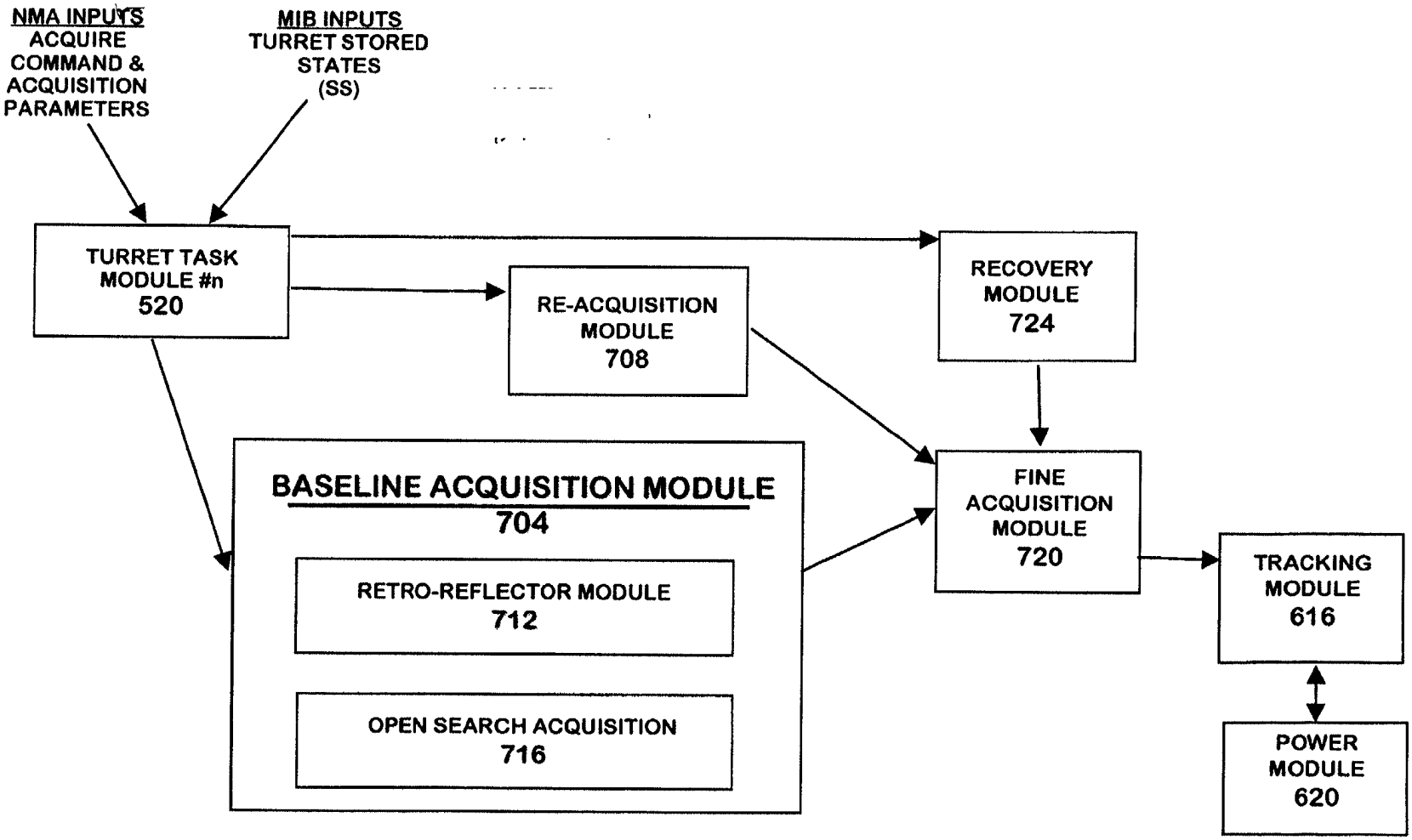
NMA INPUTS
ACQUIRE COMMAND & ACQUISITION PARAMETERS
MIB INPUTS
TURRET STORED STATES (SS)
TURRET TASK MODULE #n
520
RE-ACQUISITION MODULE
708
RECOVERY MODULE
724
BASELINE ACQUISITION MODULE
704
RETRO-REFLECTOR MODULE
712
OPEN SEARCH ACQUISITION
716
FINE ACQUISITION MODULE
720
TRACKING MODULE
616
POWER MODULE
620

Figure 7

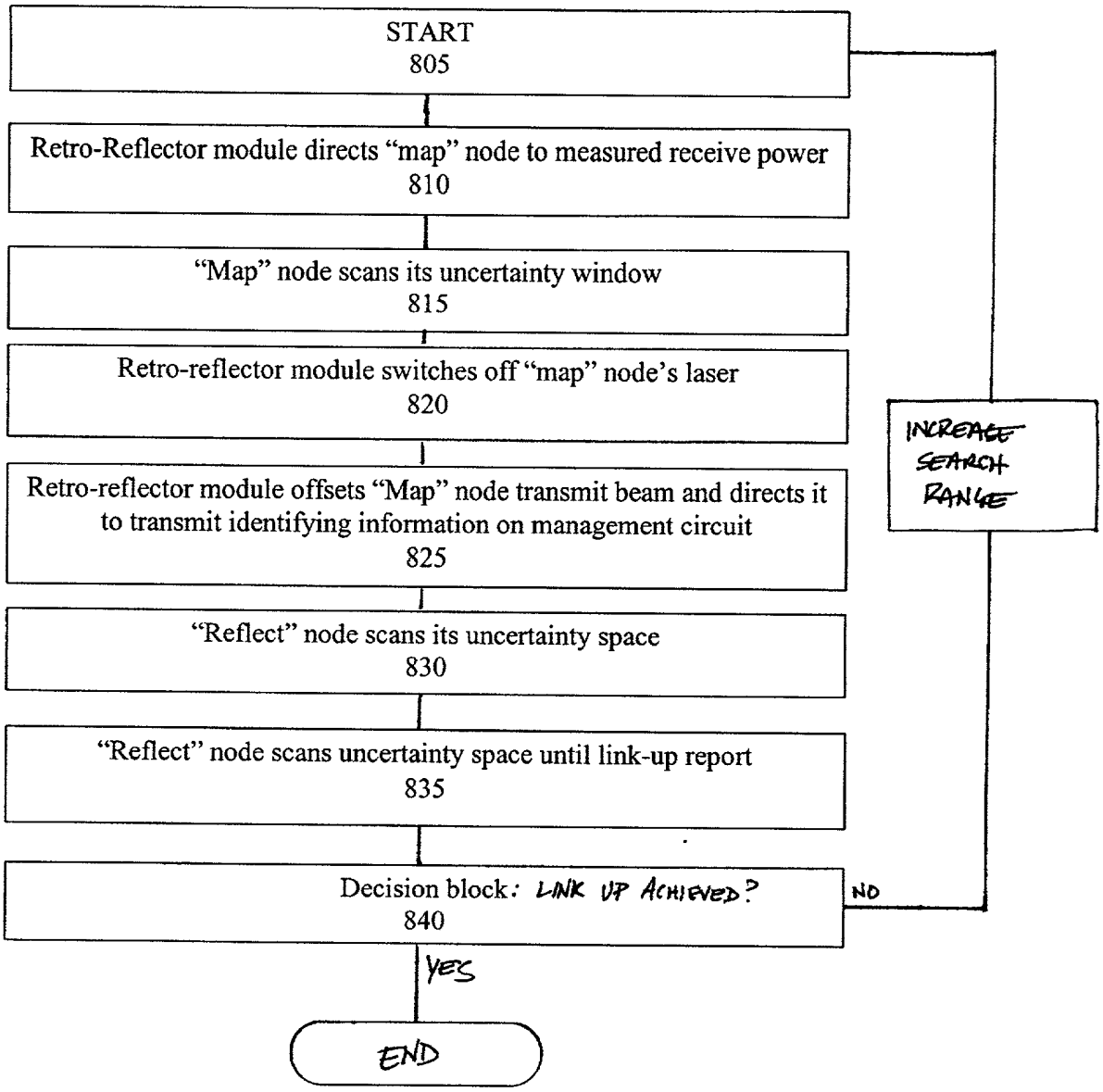

FIG. 8 RETRO-REFLECTOR ACQUISITION MODULE

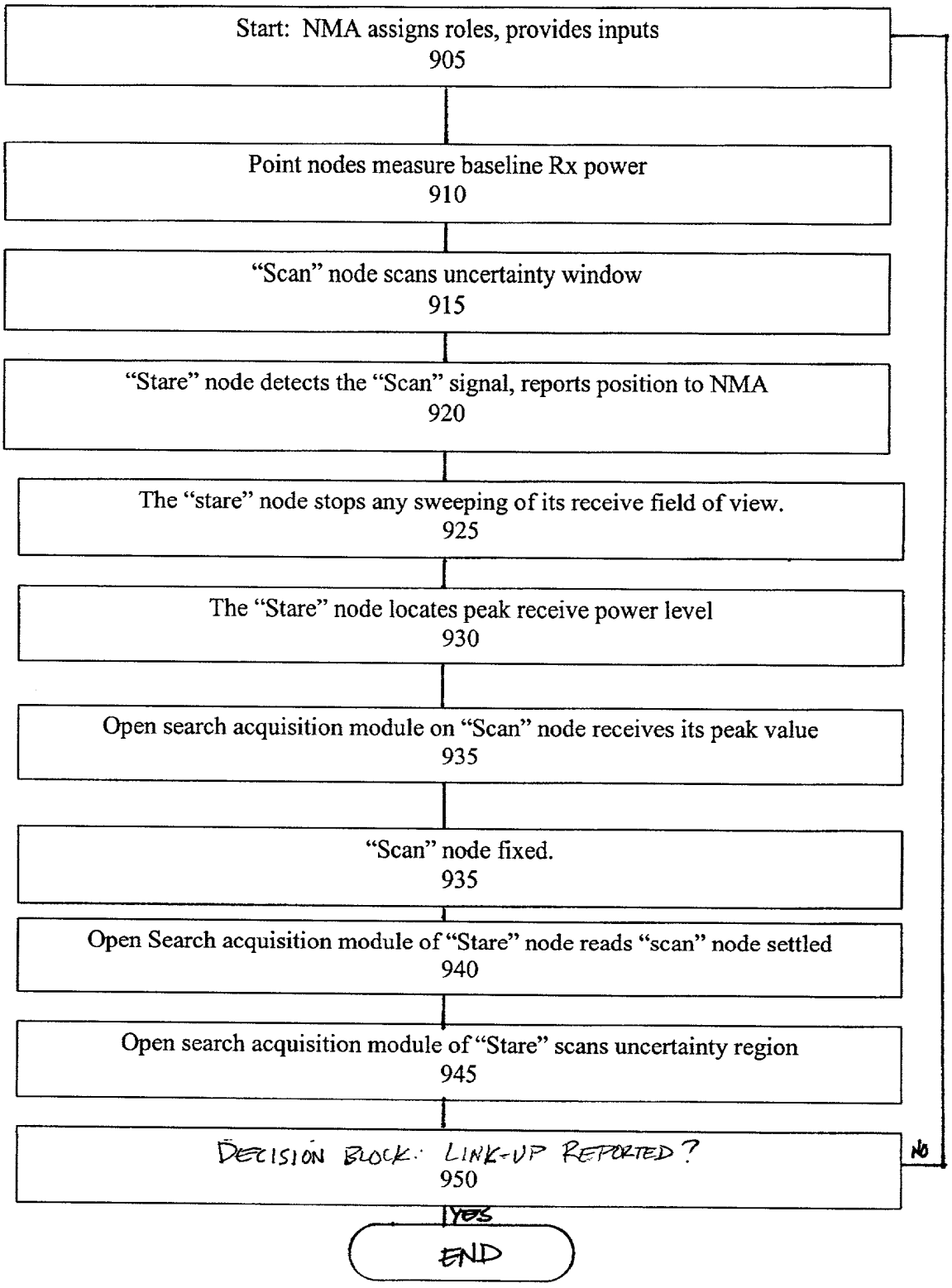

FIG. 9 OPEN SEARCH ACQUISITION MODULE

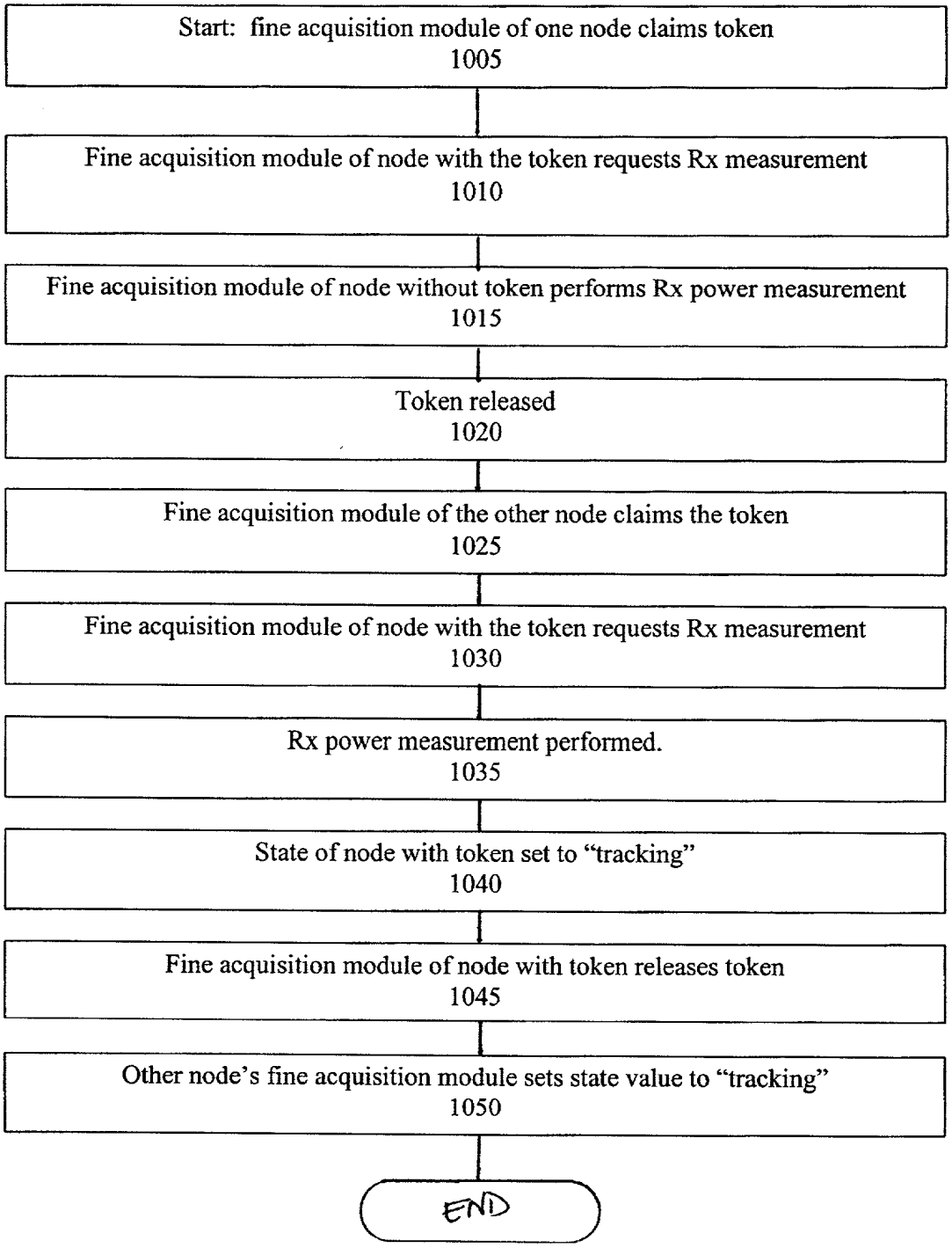

FIG. 10 FINE ACQUISITION

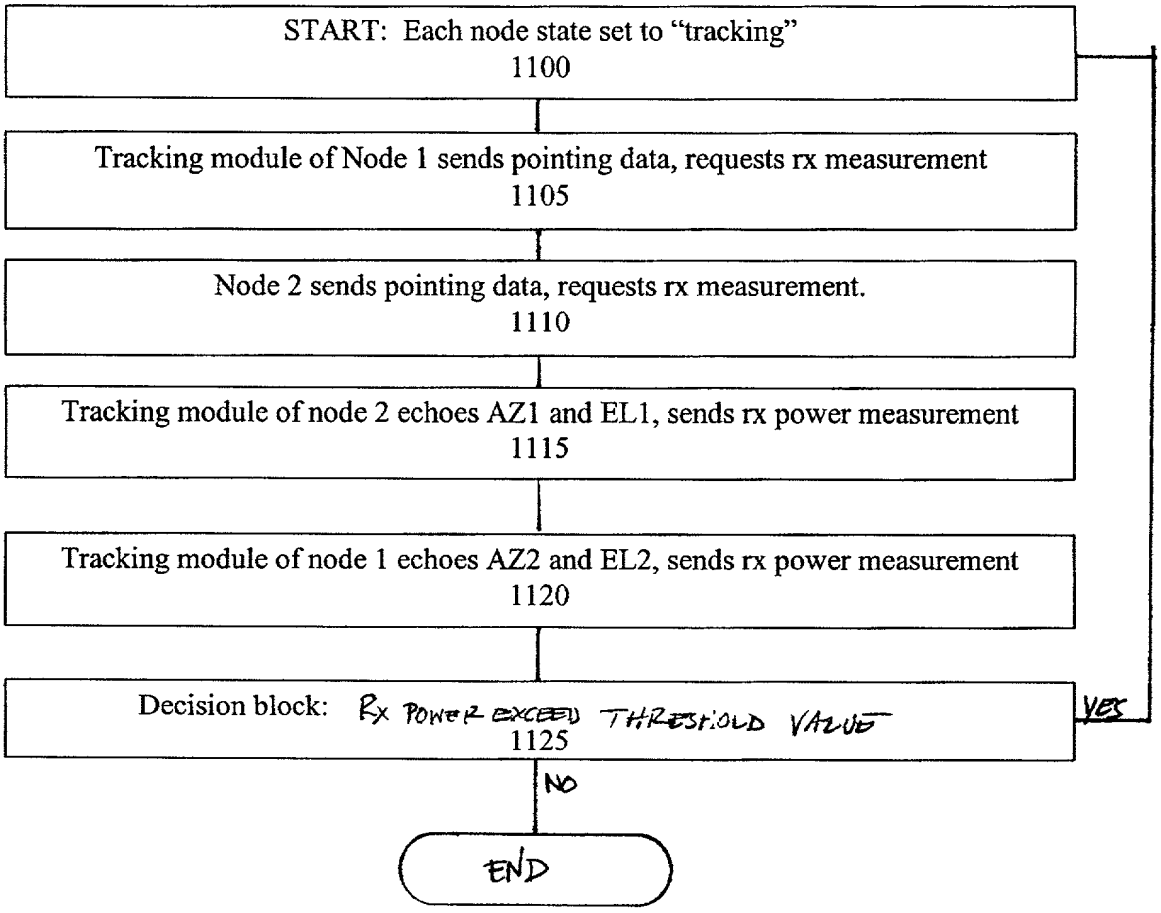

FIG. 11 TRACKING MODULE

0956520 "0520"

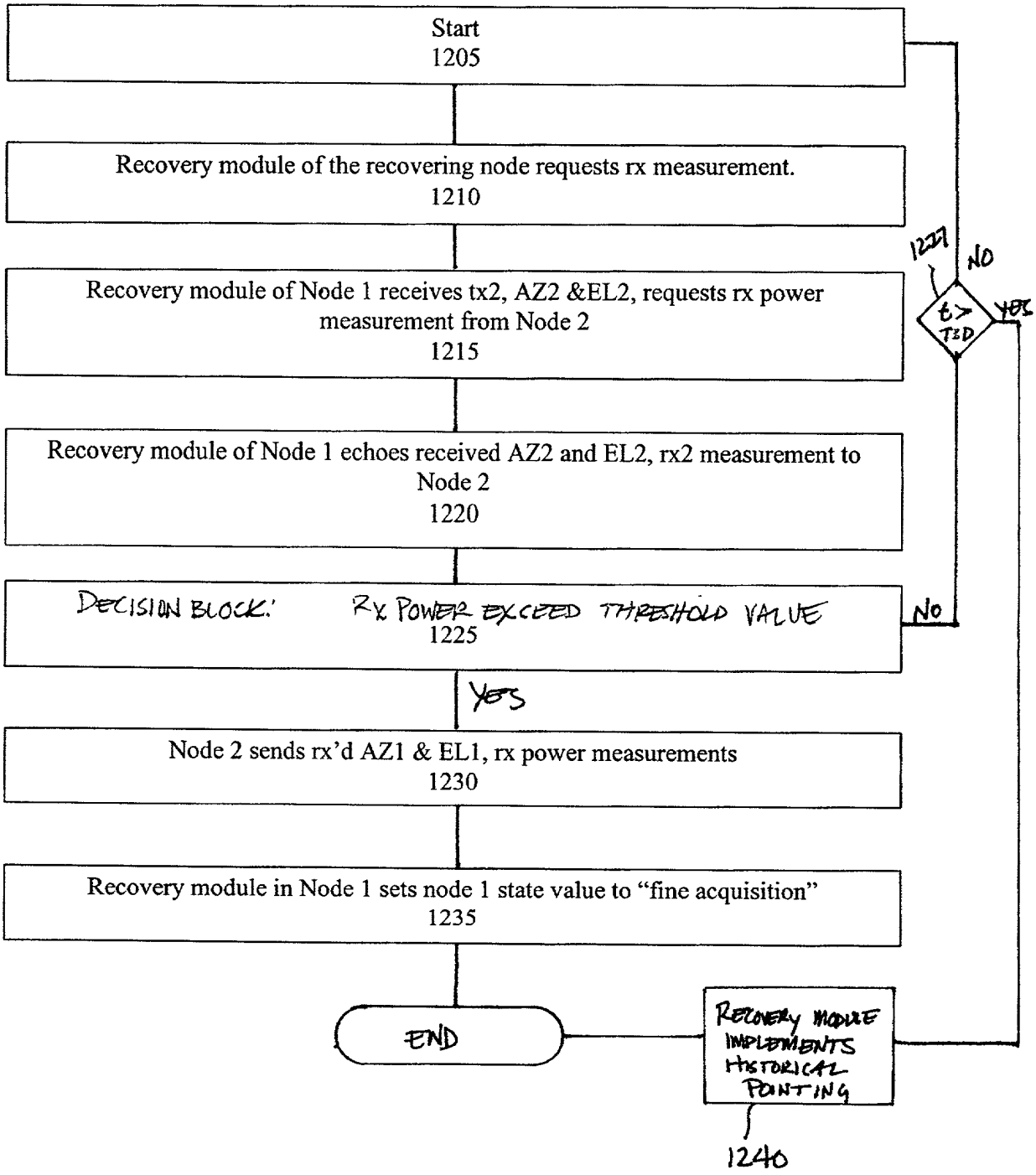

FIG. 12 RECOVERY MODULE

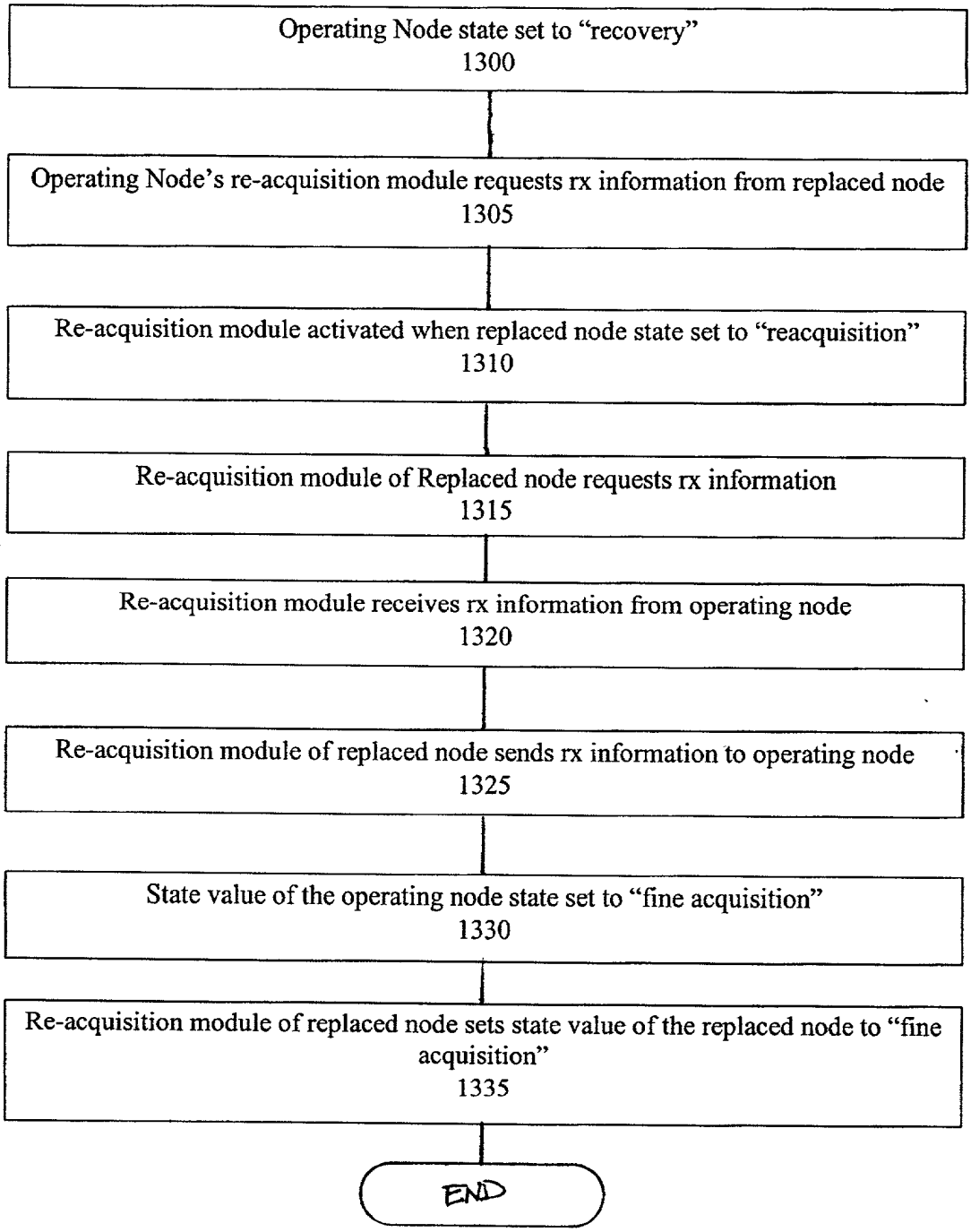

FIG. 13 RE-ACQUISITION